

HUMAN CXADR PROTEIN, HFC TAG**Cat.#:** 11904**Product Name:** Human CXADR Protein**Size:** 10 µg, 50 µg and 100 µg**Synonyms:** CAR;CAR4/6;HCAR**Target:** CXADR**UNIPROT ID:** P78310**Description:** Recombinant Human CXADR Protein with C-terminal human Fc tag**Background:** The protein encoded by this gene is a type I membrane receptor for group B coxsackieviruses and subgroup C adenoviruses. Several transcript variants encoding different isoforms have been found for this gene. Pseudogenes of this gene are found on chromosomes 15, 18, and 21. [provided by RefSeq, May 2011]**Species/Host:** HEK293**Molecular Weight:** The protein has a predicted molecular mass of 50.2 kDa after removal of the signal peptide. The apparent molecular mass of CXADR-hFc is approximately 55–70 kDa due to glycosylation.**Molecular Characterization:** CXADR(Leu20–Gly237) hFc(Glu99–Ala330)**Purity:** The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.**Formulation & Reconstitution:** Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.**Storage & Shipping:** Store at –20°C to –80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at –80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.



Figure 1. Human CXADR Protein, hFc Tag on SDS-PAGE under reducing condition.